

# PATENT ABSTRACTS OF JAPAN

(11)Publication number : **53-098954**

(43)Date of publication of application : **29.08.1978**

---

(51)Int.Cl.

**C07D307/62**

**// A61K 31/34**

---

(21)Application number : **52-003205**

(71)Applicant : **MITSUBISHI CHEM IND LTD**

(22)Date of filing : **14.01.1977**

(72)Inventor : **ISHIDO RYOJI  
KOMURA HIROSHI  
MATSUNO AKIRA**

---

## (54) L-ASCORBIC ACID DERIVATIVES

(57)Abstract:

PURPOSE: The title cpds, I (R is H or OH-protecting gp. and these two R's from one alkylene gp.; R1 is H, alkyl, benzyl or II where at least one of R1 is II), e.g.2, 3-di-O( $\beta$ -D-glucopiranosyl)-L-ascorbic acid.

---

## LEGAL STATUS

[Date of request for examination]

[Date of sending the examiner's decision of rejection]

[Kind of final disposal of application other than the examiner's decision of rejection or application converted registration]

[Date of final disposal for application]

[Patent number]

[Date of registration]

[Number of appeal against examiner's decision of rejection]

[Date of requesting appeal against examiner's decision of rejection]

[Date of extinction of right]

Copyright (C); 1998,2003 Japan Patent Office